

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
 Data File : BF081513.D
 Acq On : 6 Sep 2015 16:51
 Operator : UM/IZ
 Sample : G3419-02
 Misc :
 ALS Vial : 88 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HX2

Manual Integrations
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MMDadoda
 9/8/2015 3:58:53 PM

Quant Time: Sep 07 07:08:32 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 05:41:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	51175	20.00	ng	-0.01
21) Naphthalene-d8	7.66	136	181889	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	72755	20.00	ng	0.00
63) Phenanthrene-d10	10.87	188	113950	20.00	ng	0.01
75) Chrysene-d12	13.46	240	107813	20.00	ng	0.00
86) Perylene-d12	14.77	264	80830	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	431027	130.68	ng	0.02
7) Phenol-d6	6.03	99	542854	124.34	ng	0.00
23) Nitrobenzene-d5	6.94	82	335852	89.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.18	330	65452	101.04	ng	0.00
44) 2-Fluorobiphenyl	8.74	172	530202	93.39	ng	0.00
78) Terphenyl-d14	12.45	244	320541	69.21	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.36	142	232939	36.90	ng	# 84
49) Dimethylphthalate	9.14	163	72412	12.81	ng	# 97
57) Fluorene	9.94	166	28973m	5.36	ng	
70) Phenanthrene	10.89	178	76881	12.14	ng	# 89
77) Pyrene	12.27	202	22584	2.83	ng	# 86

(#) = qualifier out of range (m) = manual integration (+) = signals summed

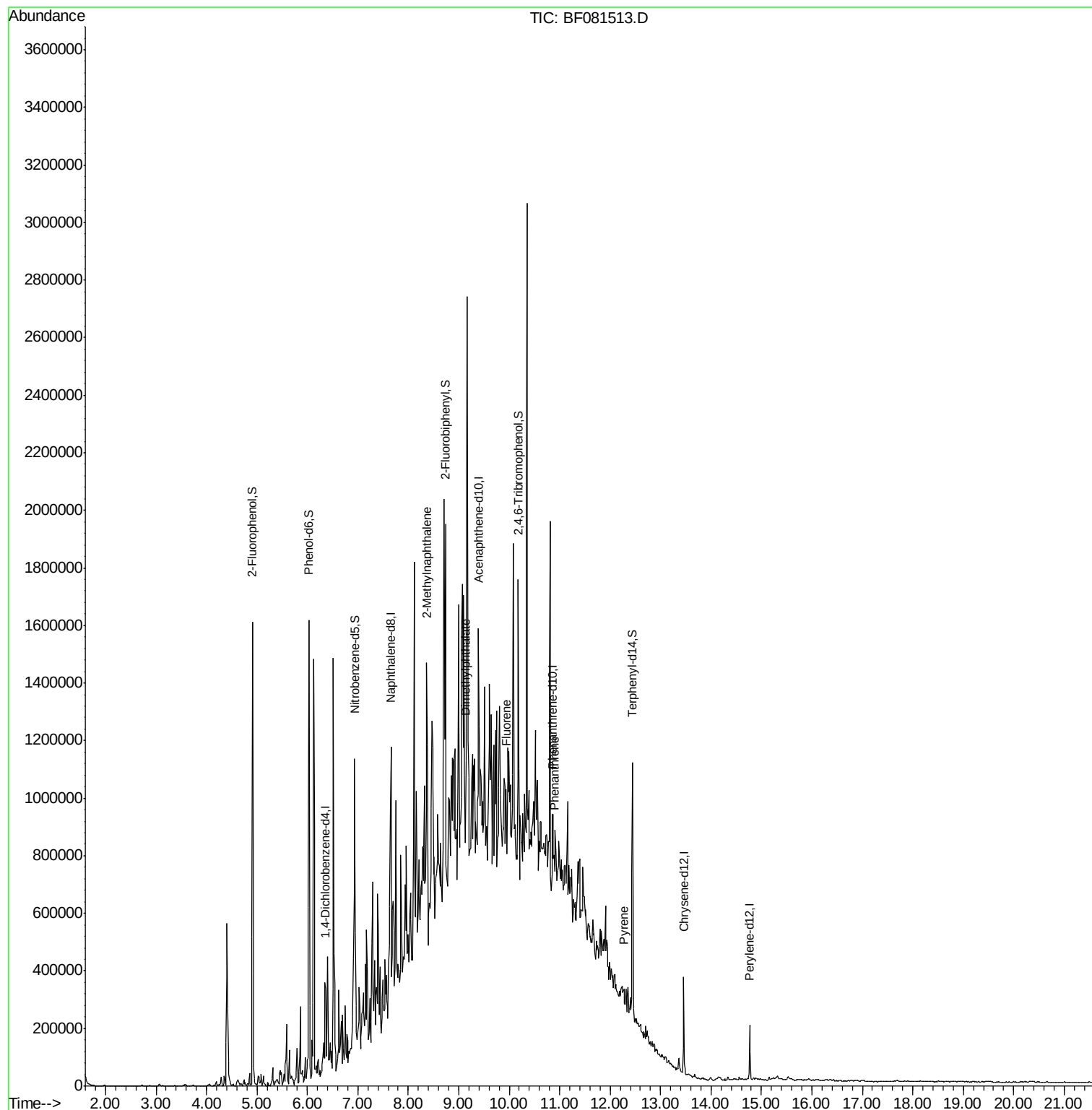
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081513.D
Acq On : 6 Sep 2015 16:51
Operator : UM/IZ
Sample : G3419-02
Misc :
ALS Vial : 88 Sample Multiplier: 1

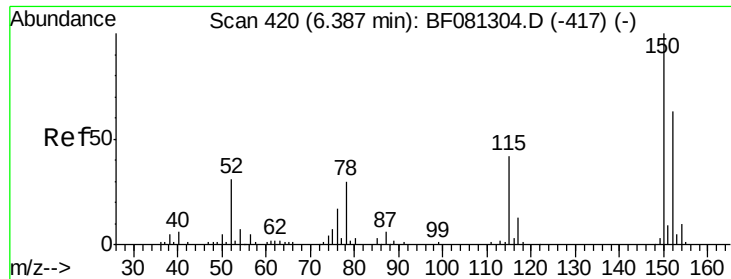
Instrument :
BNA_F
ClientSampleId :
HX2

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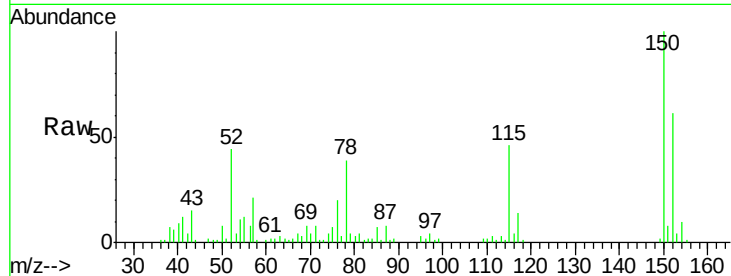
Quant Time: Sep 07 07:08:32 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 07 05:41:57 2015
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.35 min Scan# 417
 Delta R.T. -0.01 min
 Lab File: BF081513.D
 Acq: 6 Sep 2015 16:51

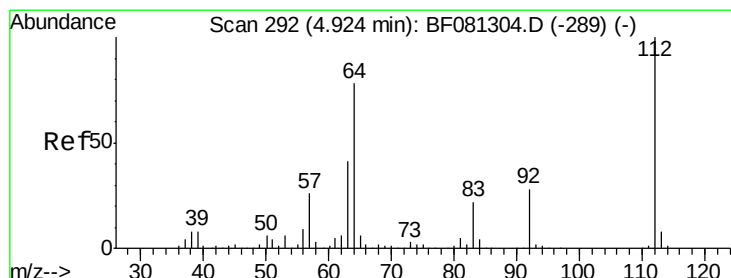
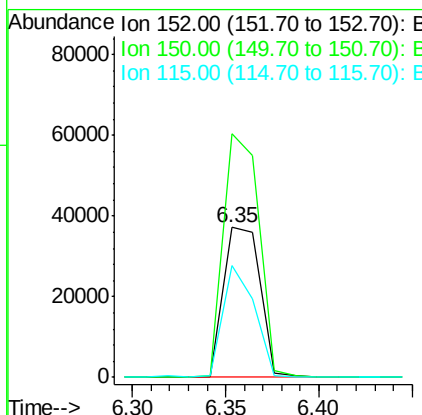
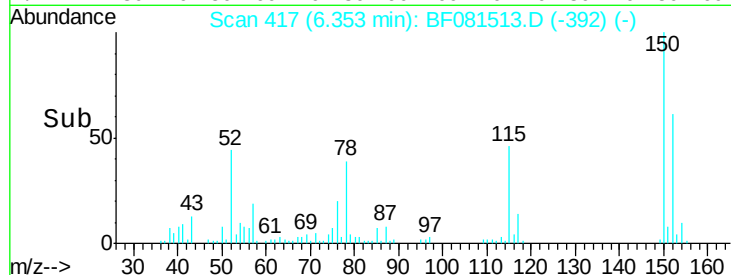
Instrument :
 BNA_F
 ClientSampleId :
 HX2



Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.6	124.7	187.1
115	74.8	39.0	58.4#

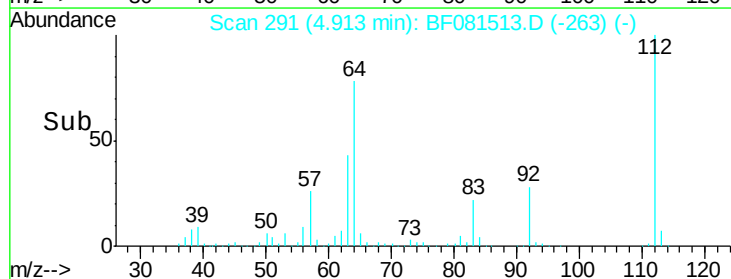
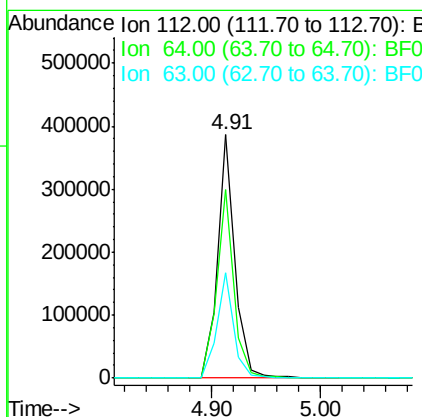
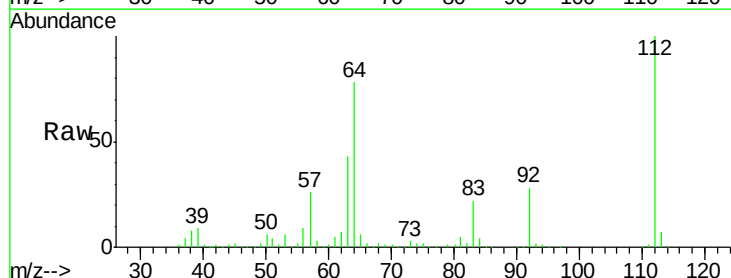
Manual Integrations
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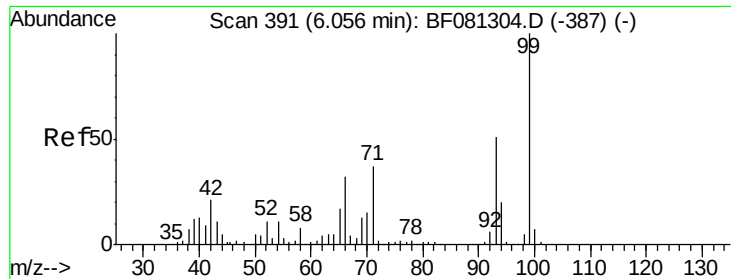
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#5
 2-Fluorophenol
 Concen: 130.68 ng
 RT: 4.91 min Scan# 291
 Delta R.T. 0.02 min
 Lab File: BF081513.D
 Acq: 6 Sep 2015 16:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.6	39.7	59.5#
63	43.1	17.4	26.0#





#7

Phenol-d6

Concen: 124.34 ng

RT: 6.03 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF081513.D

Acq: 6 Sep 2015 16:51

Instrument :

BNA_F

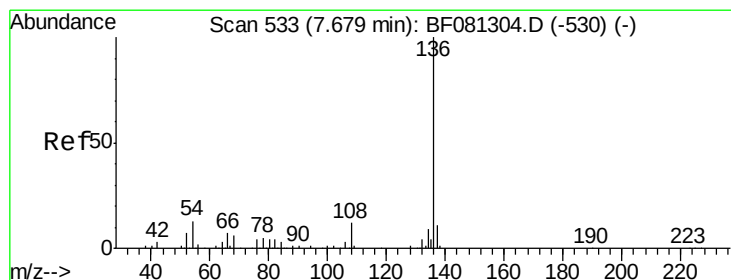
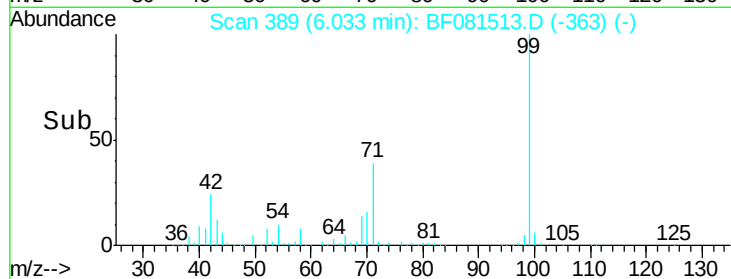
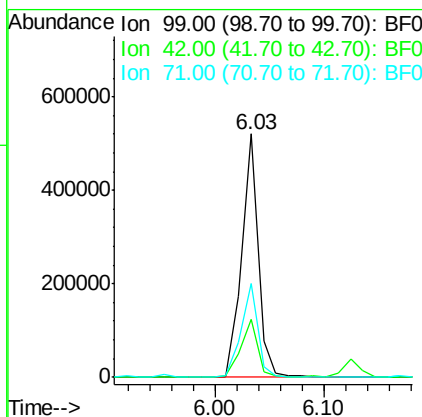
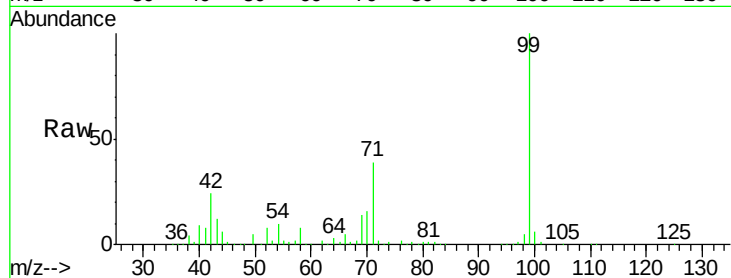
ClientSampleId :

HX2

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Tgt Ion:	99	Resp:	542854
Ion Ratio	Lower	Upper	
99	100		
42	23.6	13.7	20.5#
71	38.6	14.2	21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

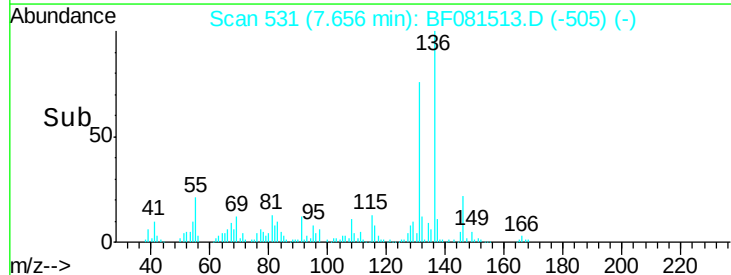
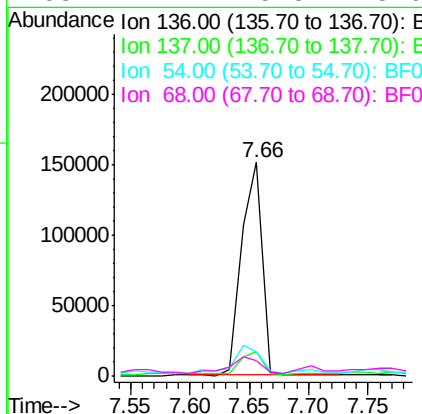
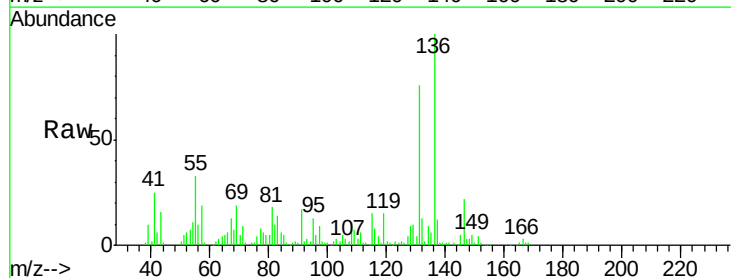
RT: 7.66 min Scan# 531

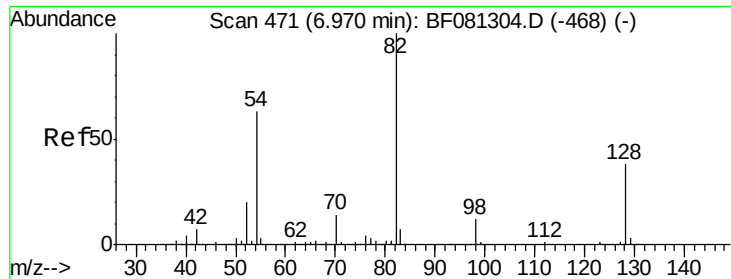
Delta R.T. 0.00 min

Lab File: BF081513.D

Acq: 6 Sep 2015 16:51

Tgt Ion:	136	Resp:	181889
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.0	13.6
54	11.4	8.2	12.2
68	7.1	5.8	8.6





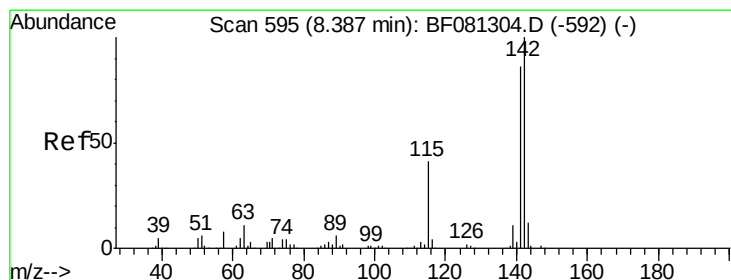
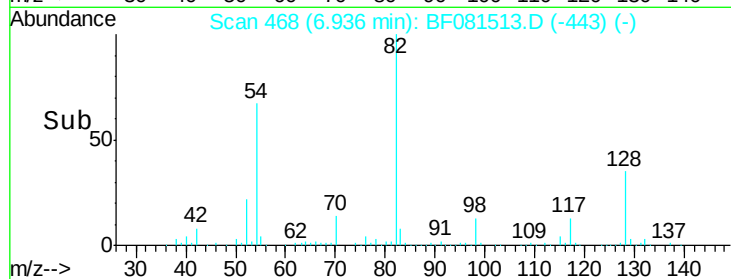
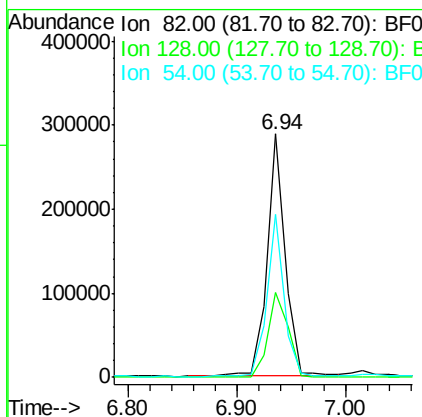
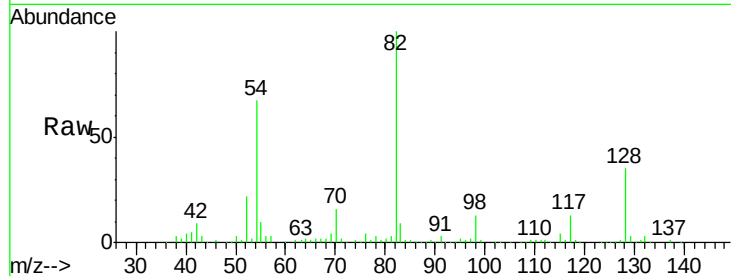
#23
Nitrobenzene-d5
Concen: 89.09 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF081513.D
Acq: 6 Sep 2015 16:51

Instrument :
BNA_F
ClientSampleId :
HX2

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	335852		
128	35.1	51.0	76.6#	
54	67.1	47.5	71.3	

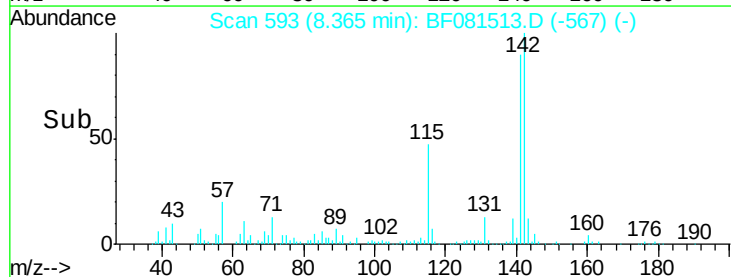
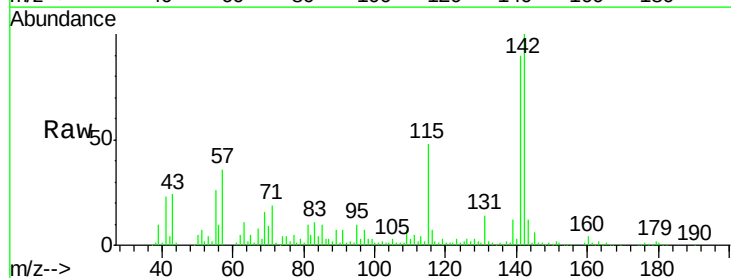
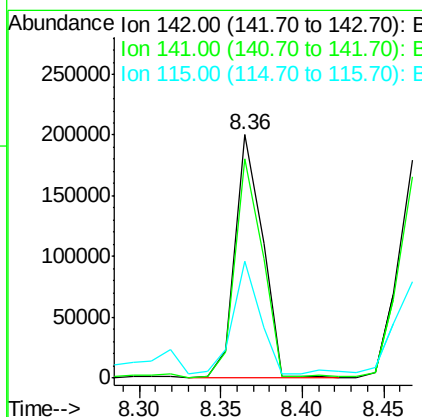
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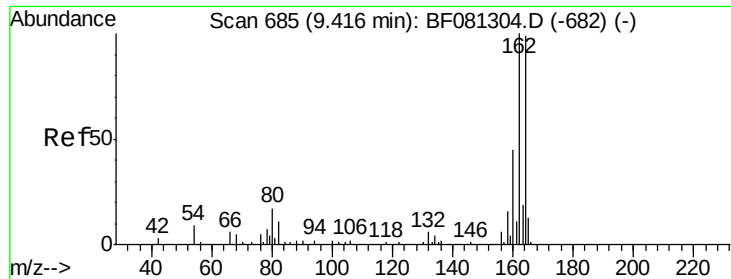
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#37
2-Methylnaphthalene
Concen: 36.90 ng
RT: 8.36 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF081513.D
Acq: 6 Sep 2015 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	232939		
141	90.0	67.5	101.3	
115	47.8	18.2	27.2#	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.39 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF081513.D

Acq: 6 Sep 2015 16:51

Instrument :

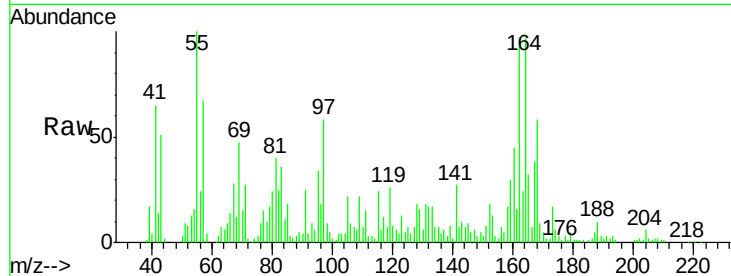
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ClientSampleId :

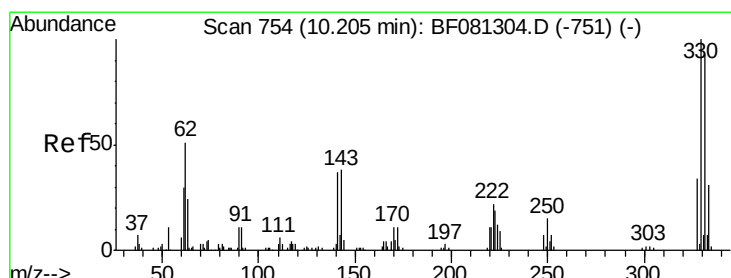
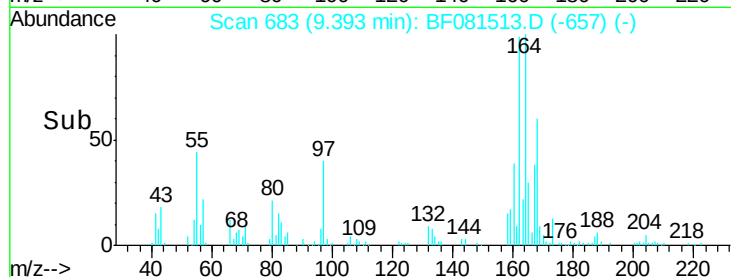
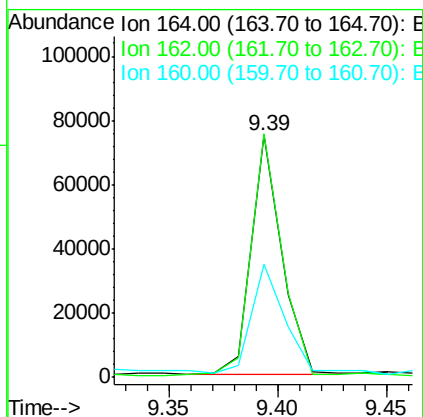
HX2

Manual Integrations
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Tgt Ion:	164	Resp:	72755
Ion Ratio	Lower	Upper	
164	100		
162	100.5	75.2	112.8
160	46.5	31.5	47.3



#41

2,4,6-Tribromophenol

Concen: 101.04 ng

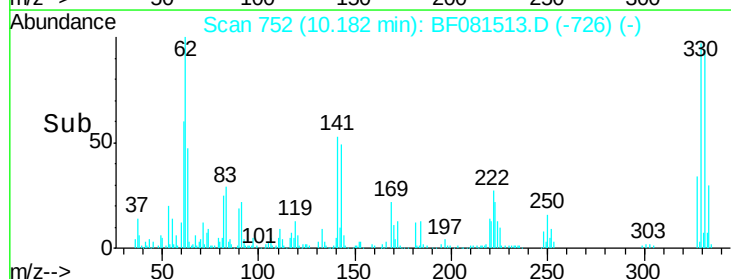
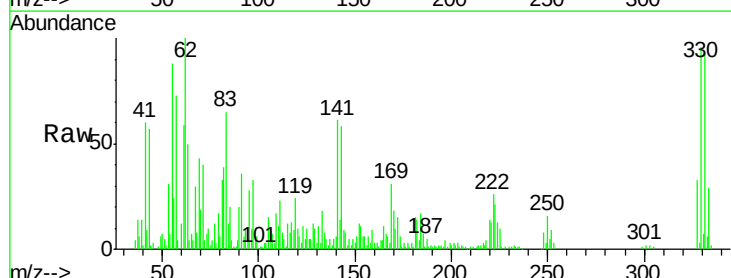
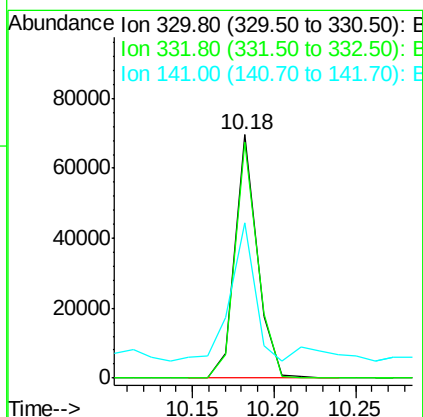
RT: 10.18 min Scan# 752

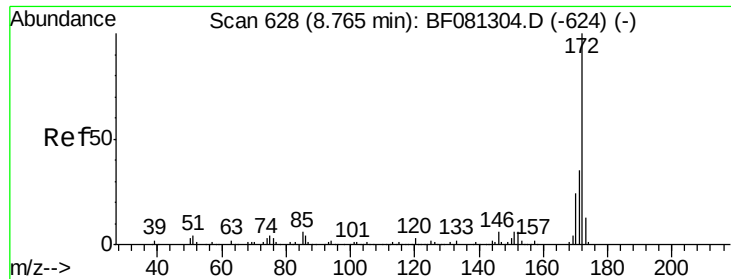
Delta R.T. 0.00 min

Lab File: BF081513.D

Acq: 6 Sep 2015 16:51

Tgt Ion:	330	Resp:	65452
Ion Ratio	Lower	Upper	
330	100		
332	97.9	76.6	114.8
141	61.6	29.7	44.5#





#44

2-Fluorobiphenyl

Concen: 93.39 ng

RT: 8.74 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF081513.D

Acq: 6 Sep 2015 16:51

Instrument :

BNA_F

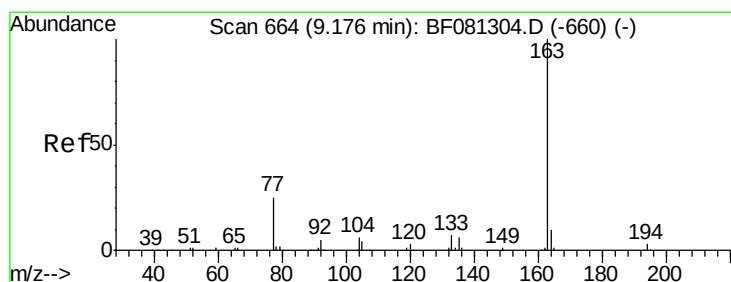
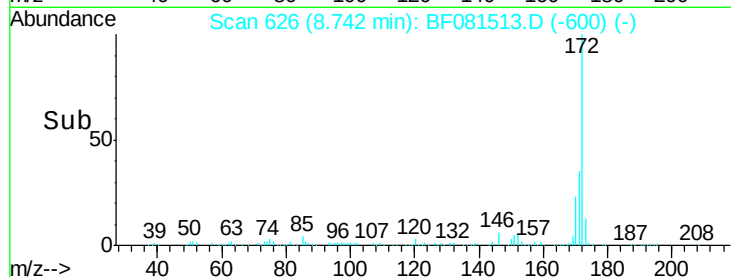
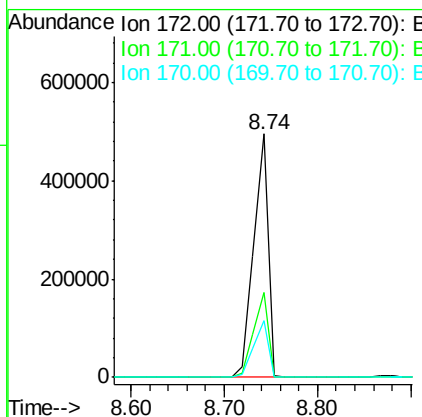
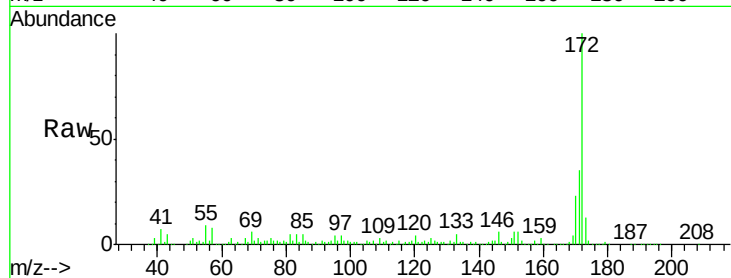
ClientSampleId :

HX2

Tgt Ion:	172	Resp:	530202
Ion Ratio		Lower	Upper
172	100		
171	34.9	26.1	39.1
170	23.4	17.4	26.2

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#49

Dimethylphthalate

Concen: 12.81 ng

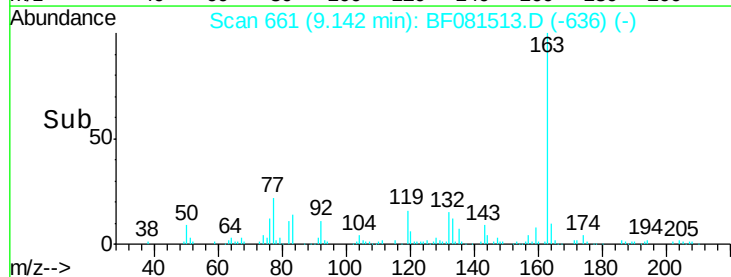
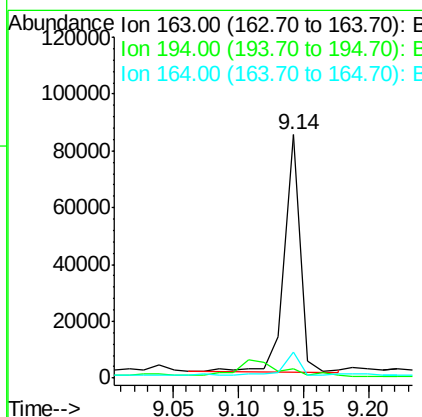
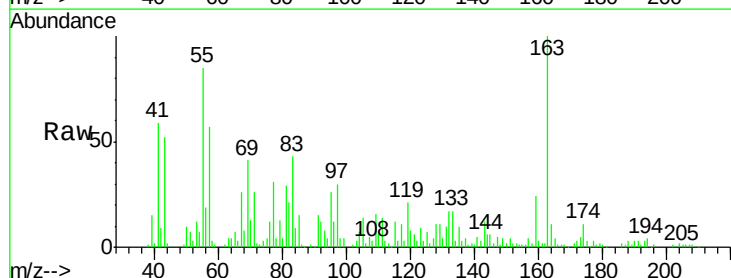
RT: 9.14 min Scan# 661

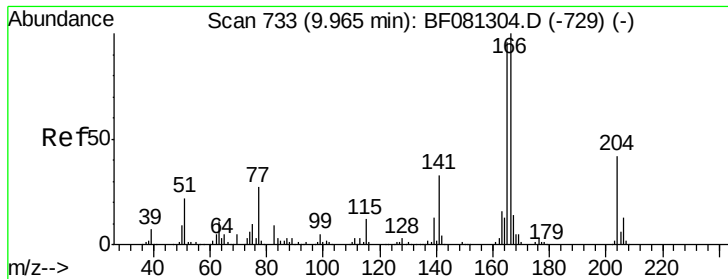
Delta R.T. -0.01 min

Lab File: BF081513.D

Acq: 6 Sep 2015 16:51

Tgt Ion:	163	Resp:	72412
Ion Ratio		Lower	Upper
163	100		
194	3.8	4.4	6.6#
164	10.9	8.3	12.5





#57

Fluorene

Concen: 5.36 ng m

RT: 9.94 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF081513.D

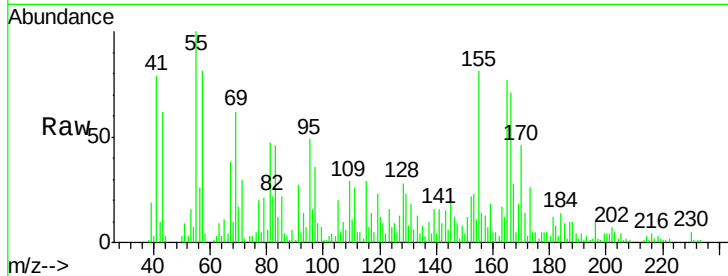
Acq: 6 Sep 2015 16:51

Instrument :

BNA_F

ClientSampleId :

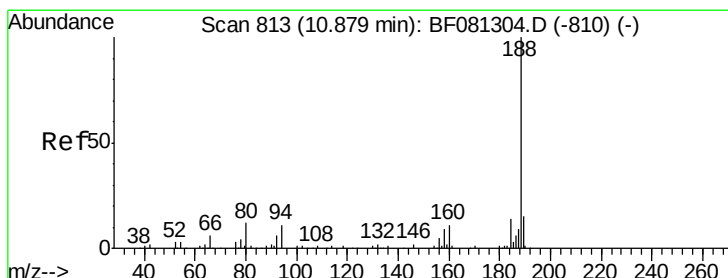
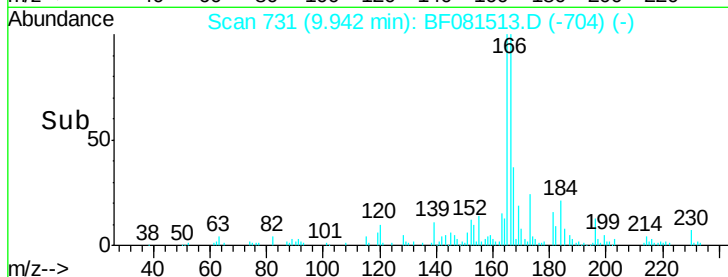
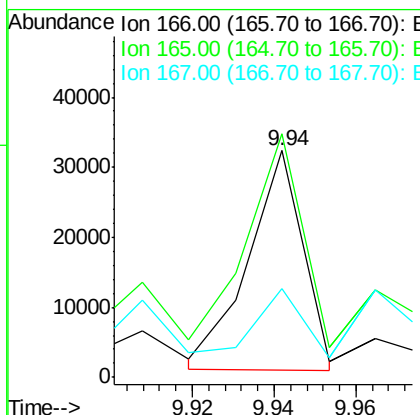
HX2



Tgt Ion:	166	Resp:	28973
Ion Ratio	Lower	Upper	
166	100		
165	107.5	72.6	109.0
167	39.2	10.6	16.0#

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#63

Phenanthrene-d10

Concen: 20.00 ng

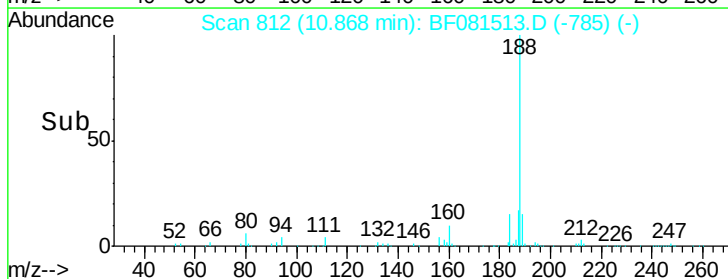
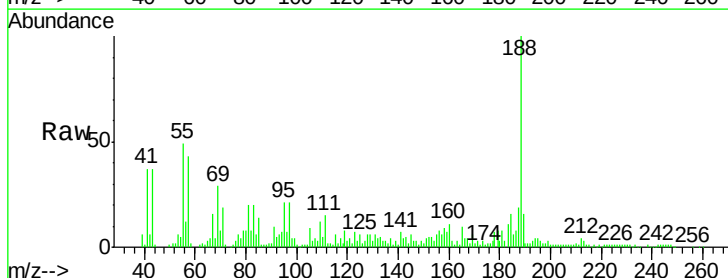
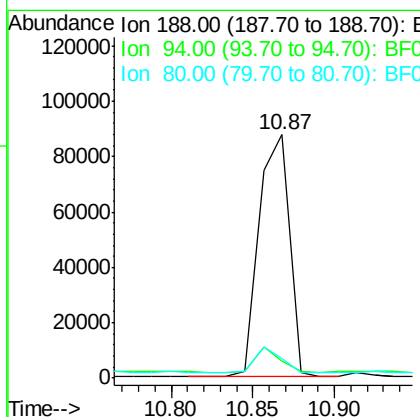
RT: 10.87 min Scan# 812

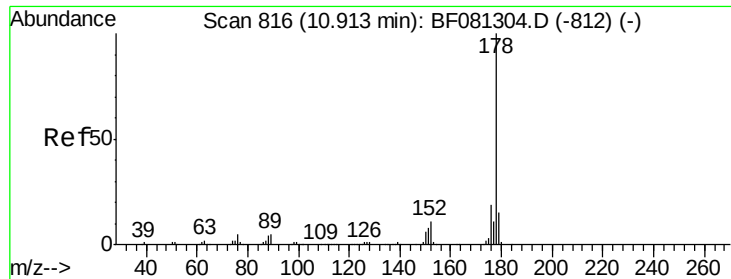
Delta R.T. 0.01 min

Lab File: BF081513.D

Acq: 6 Sep 2015 16:51

Tgt Ion:	188	Resp:	113950
Ion Ratio	Lower	Upper	
188	100		
94	7.0	11.1	16.7#
80	8.1	11.0	16.4#





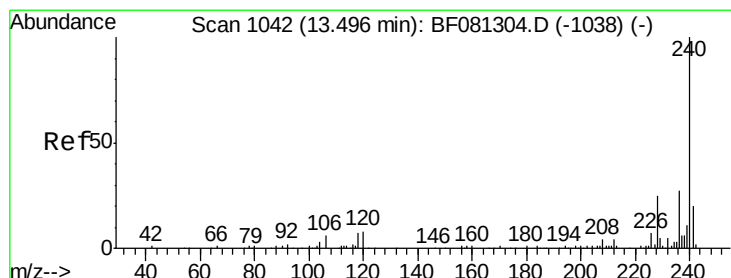
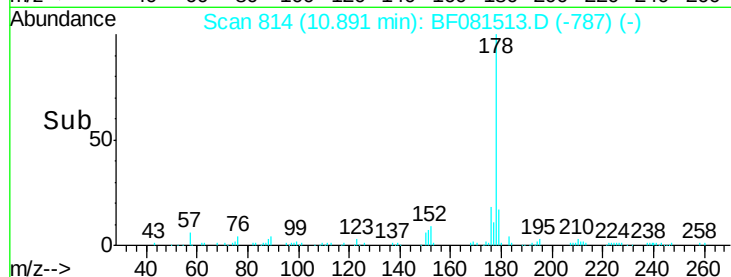
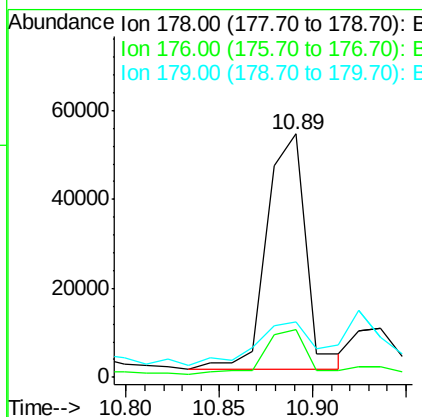
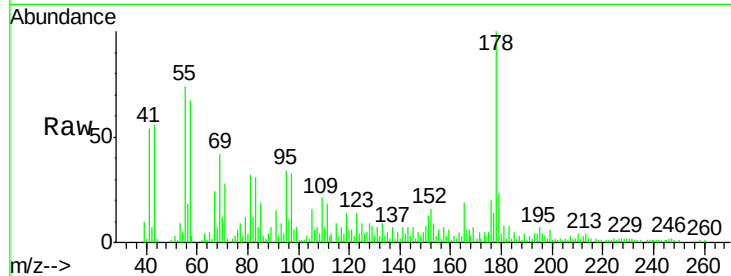
#70
Phenanthrene
Concen: 12.14 ng
RT: 10.89 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF081513.D
Acq: 6 Sep 2015 16:51

Instrument :
BNA_F
ClientSampleId :
HX2

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	76881		
176	19.6	13.8	20.8	
179	23.0	12.2	18.2	

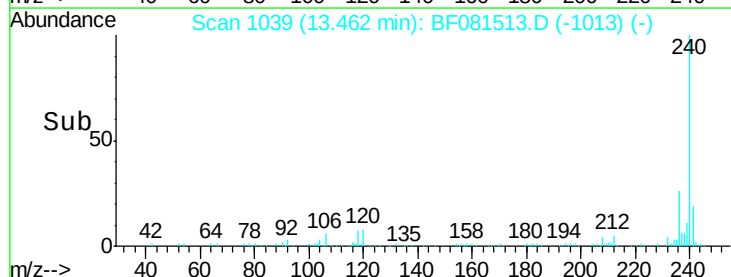
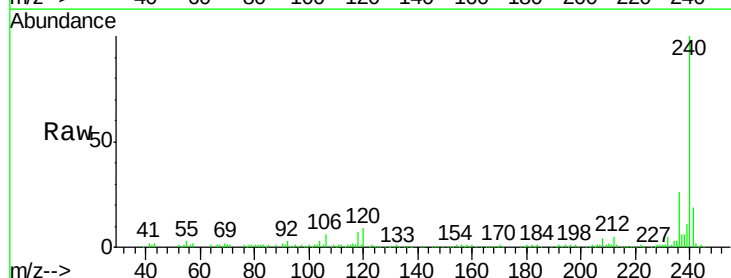
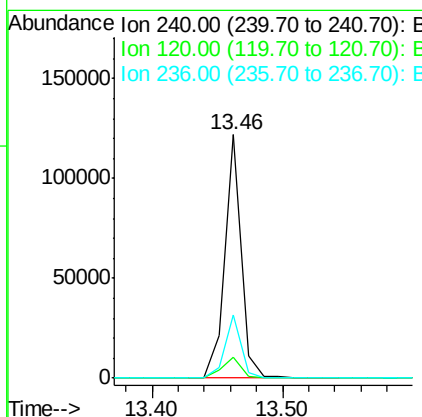
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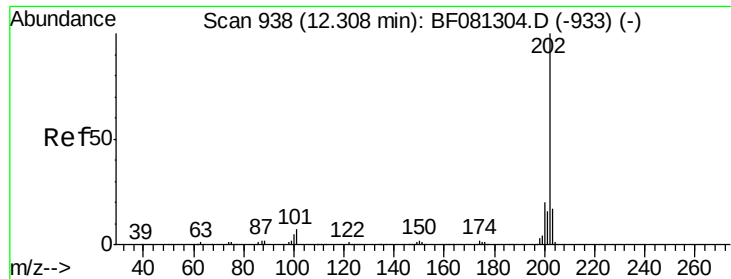
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.46 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF081513.D
Acq: 6 Sep 2015 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	107813		
120	8.6	16.2	24.2	
236	26.0	18.4	27.6	





#77

Pyrene

Concen: 2.83 ng

RT: 12.27 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF081513.D

Acq: 6 Sep 2015 16:51

Instrument :

BNA_F

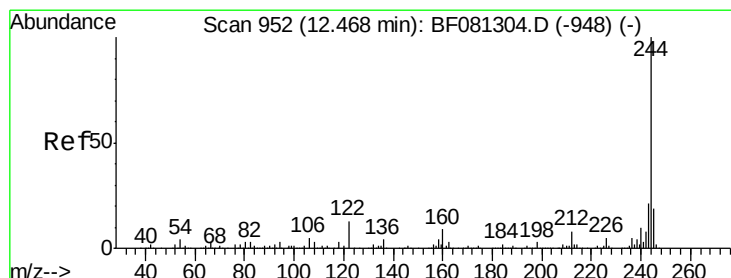
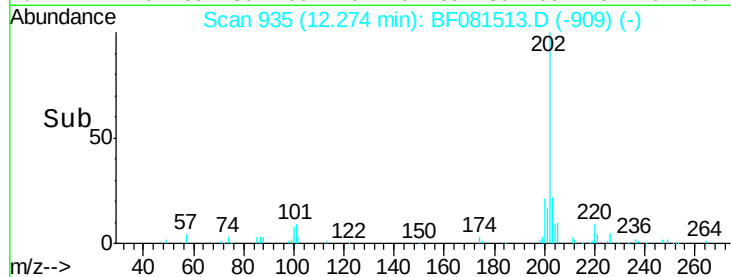
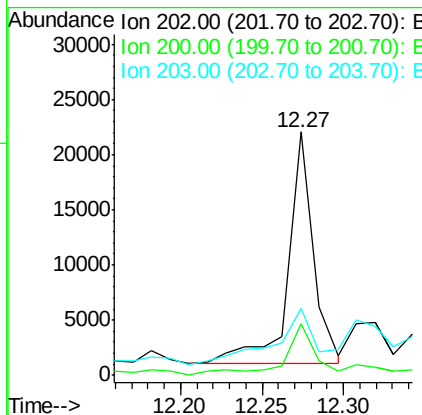
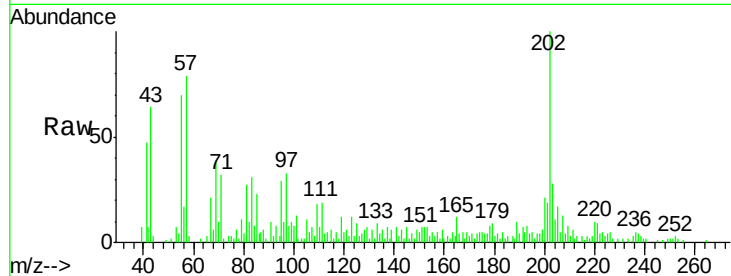
ClientSampleId :

HX2

Manual Integrations
APPROVED

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9/8/2015 3:58:53 PM

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.2	15.0	22.4	
203	27.6	14.1	21.1#	



#78

Terphenyl-d14

Concen: 69.21 ng

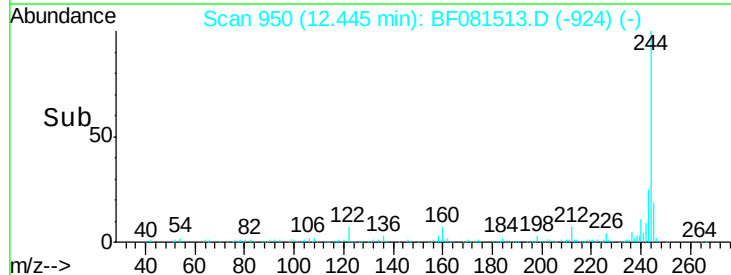
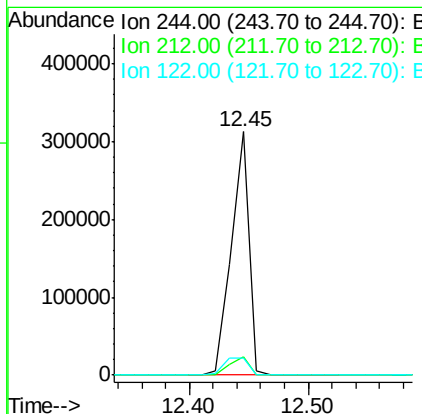
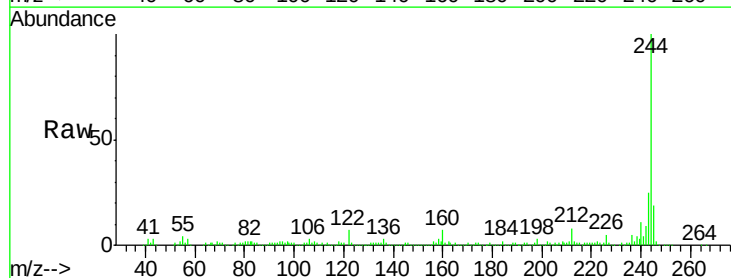
RT: 12.45 min Scan# 950

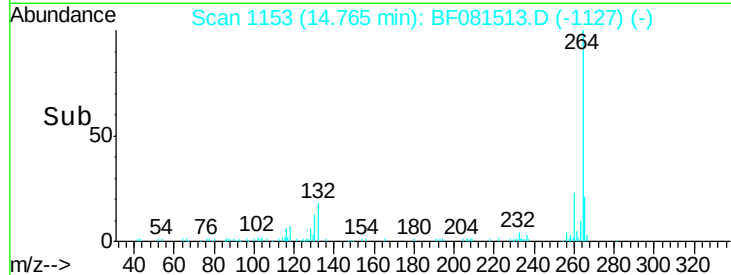
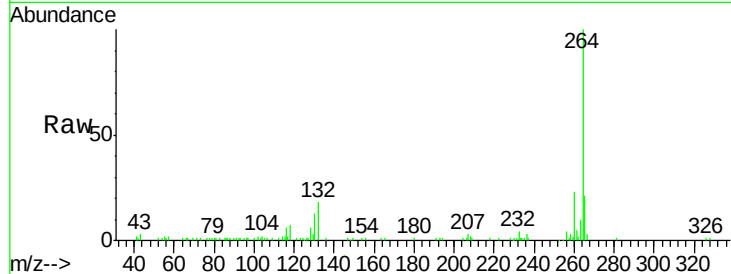
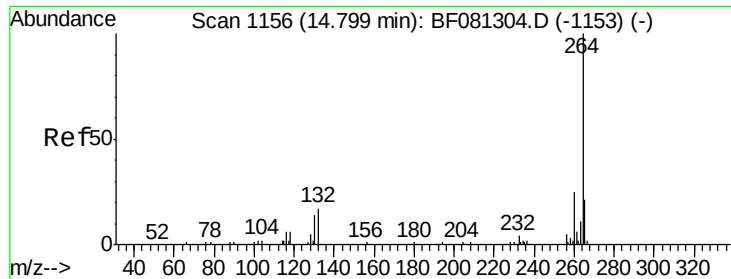
Delta R.T. 0.00 min

Lab File: BF081513.D

Acq: 6 Sep 2015 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.5	4.3	6.5#	
122	6.9	17.4	26.2#	





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF081513.D
Acq: 6 Sep 2015 16:51

Instrument :
BNA_F
ClientSampleId :
HX2

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	16.7	25.1
265	20.9	17.2	25.8

Manual Integrations
APPROVED

MMDadoda
9/8/2015 3:58:53 PM

